

About this document

This document provides information about the implementation of the Meridian Integrated RAN (MIRAN) in the Meridian 1 system. It describes the MIRAN operation, installation, configuration, administration, applications, and maintenance.

It focuses on the application and administration of the MIRAN for Recorded Announcement (RAN) and music-on-hold (MOH).

The purpose of this document is to instruct the user how to install, configure, operate, and maintain the Meridian Integrated RAN (MIRAN) as a part of the overall Meridian 1 system.

The following describes what you will find in this document:

Product description describes the MIRAN functional and physical characteristics.

Installation and administration Installation describes how to prepare the Meridian 1 equipment, how to install the MIRAN into the Intelligent Peripheral Equipment (IPE) module or shelf, and how to connect it to the external voice sources and voice delivery devices.

Administration describes the MIRAN configuration, RAN implementation, MIRAN expansion, channel assignment administration, and access security administration.

Telephone set-based OA&M application describes different RAN applications based on use of the telephone OA&M access to record new announcements or to place existing announcement in or out of service.

Terminal-based OA&M application describes different RAN applications based on use of the terminal OA&M access using menus and commands.

Maintenance describes how to perform maintenance functions and how to troubleshoot the MIRAN and the associated equipment.

Appendix A lists the MIRAN display hexadecimal codes and also pin assignment and connector types for external connections to the MIRAN. It also contains an example of how to configure the system for telephone set-based OA&M access.

Appendix B describes reliability, environmental specifications, product integrity, and regulatory standards for the MIRAN.